

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L2 | 4 | microfluidic with channel with branch\$3 with sort\$4 | USPAT | OR | ON | 2010/03/22 11:12 |
| L3 | 0 | microfluidic with channel with branch\$3 with gate | USPAT | OR | ON | 2010/03/22 11:16 |
| L4 | 586 | channel with branch\$3 with (gate or sort\$5) | USPAT | OR | ON | 2010/03/22 11:16 |
| L5 | 5 | (center\$3 or cage or trap) with branch\$3 with channel with microfluidic | USPAT | OR | ON | 2010/03/22 11:24 |
| L6 | 423 | (center\$3 or cage or trap) with branch\$3 with channel | USPAT | OR | ON | 2010/03/22 11:30 |
| L7 | 0 | "11965794" | USPAT | OR | ON | 2010/03/22 11:33 |
| L8 | 4 | microfluidic with channel with branch\$3 with sort\$4 | USPAT | OR | ON | 2010/03/22 11:33 |
| L9 | 586 | channel with branch\$3 with (gate or sort\$5) | USPAT | OR | ON | 2010/03/22 11:33 |
| L10 | 1160 | channel with branch\$3 with (gate or sort\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:34 |
| L11 | 1 | "11965794" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:34 |
| L12 | 16 | channel with branch\$3 with (gate or sort\$5) with microfluidic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:35 |

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|-----|------|---|---|----|----|---------------------|
| L13 | 2 | "20060139638" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:39 |
| L14 | 2 | "20060152708" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:41 |
| L15 | 0 | channel with branch\$3 with (gate or sort\$5) with lab-on-chip | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:44 |
| L16 | 21 | (cage or trap or hold) with (particle or cell) with branch\$3 with channel | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 11:45 |
| L17 | 2976 | 209/631,132.ccls. or 204/643,400,403.03,403.01,547.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:05 |
| L18 | 19 | "10021850" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:06 |
| L19 | 3685 | 209/2,631,132.ccls. or 204/643,400,403.03,403.01,547.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:07 |
| L20 | 1 | "11719618" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:07 |
| L21 | 13 | ("20040224397" "20060139638" "20060139638" "6432630" "6727451" "6749736" "6801311").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:09 |

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| L22 | 5396 | 209/2,631,132.ccls. or 204/600,643,660,450,400,403.03,403.01,547.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:39 |
| L23 | 2 | "20070163883" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 12:41 |
| L31 | 0 | arrow with electrode with channel with (gate or trap) with microfluidic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:25 |
| L32 | 295 | arrow with electrode with channel with (gate or trap) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:25 |
| L33 | 3407801 | arrow near\$3 electrode with channel with (gate or trap) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:27 |
| L34 | 0 | (arrow adj electrode) with channel with (gate or trap) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:27 |
| L35 | 114 | (arrow adj electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:27 |
| L36 | 624 | sensor with microfluidic with channel | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 15:26 |
| L37 | 302 | 36 and fluoresc\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 15:26 |

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| L38 | 3 | 36 and (fluoresc\$6 with (trap or cage)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 15:26 |
| L39 | 0 | "09678263" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 15:32 |
| L40 | 2 | ("6596143").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/22 15:32 |
| L41 | 2 | ("6059950").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/22 15:33 |
| L42 | 2 | ("6537433").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/22 15:36 |
| L49 | 8 | (detection or sensor) with (field adj cage) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:21 |
| L50 | 10 | (detection or sensor or measure) with (field adj cage) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:21 |
| L51 | 5890 | 209/2,631,132.ccls. or 204/600,643,660,450,400,403.03,403.01,547.ccls. or 205/775. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 17:01 |

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| S2 | 0 | S1 and (arrow with electrode with channel with (gate or trap) with microfluidic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/22 17:01 |
| S1 | 0 | "435,600,204,128". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 10:58 |
| S2 | 0 | "435". clas. and "600". clas. and "204". clas. and "128". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 10:59 |
| S3 | 230358 | "435". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 10:59 |
| S4 | 92139 | "600". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 10:59 |
| S5 | 74786 | "204". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 11:00 |
| S6 | 47165 | "128". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 11:00 |
| S7 | 0 | S3 and S4 and S5 and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 11:00 |
| S8 | 435081 | S3 or S4 or S5 or S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/01/26 11:00 |

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| S9 | 784 | S8 and (electrodes near5 needle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/01/26 11:00 |
| S10 | 248 | S9 and @py<"2002" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/01/26 11:01 |
| S11 | 10 | S10 and electroporation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/01/26 11:02 |
| S12 | 613 | needle with multiple with electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:13 |
| S13 | 15 | needle with multiple with (working or sensing) with electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:13 |
| S14 | 233195 | "435".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S15 | 93414 | "600".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S16 | 75272 | "204".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S17 | 47497 | "128".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |

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| S18 | 439941 | S14 or S15 or S16 or S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S19 | 0 | S18 and (patch with clamping with multiple with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S20 | 13 | S18 and (patch with clamp with multiple with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:18 |
| S21 | 4 | S18 and ((patch with clamp\$3) and (electrode with multiple with sensing)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:21 |
| S22 | 4 | S18 and ((patch with clamp\$3) and (electrode with multiple with sensing)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:21 |
| S23 | 0 | S18 and ((patch with clamp\$3) and (needle with plurality with sensing with electrode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:22 |
| S24 | 3 | S18 and ((patch with clamp\$3) and (needle with plurality with sensing with electrode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:22 |
| S25 | 0 | S18 and ((patch with clamp\$3) and (wire with plurality with sensing with electrode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:27 |
| S26 | 4 | ("6609018").FN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/19 10:33 |

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| S27 | 591 | S18 and (patch adj clamping) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:34 |
| S28 | 154 | S27 and (wire or needle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:34 |
| S29 | 134 | S28 and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:34 |
| S30 | 10 | "10104300" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:36 |
| S31 | 2 | S27 and (ring with electrode with (wire or needle)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:48 |
| S32 | 57 | (needle or wire) with electrode with multiple with ring | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 10:52 |
| S33 | 4 | ("3204634").FN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/19 11:57 |
| S34 | 3 | S18 and (patch with damp with needle with electrode with cell) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/03/19 12:03 |
| S35 | 154 | S18 and (patch with damp\$3 with electrode with cell) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/03/19 12:08 |

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|-----|-------|---|---|----|-----|---------------------|
| S36 | 22 | ("20020093641" "20020127144" "20020182627" "20030178310" "20030178310" "4578167" "6440285" "6492175" "6749736" "6437551" "6492175" "6749736" "6801311").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 14:32 |
| S37 | 33589 | schnelle.in. or pfennig.in. or muller.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 14:33 |
| S38 | 63 | S37 and microfluidic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 14:34 |
| S39 | 4 | "2003066191" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 14:39 |
| S40 | 11 | "10248653" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 14:40 |
| S41 | 2 | ("6492175").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2010/03/19 14:47 |
| S42 | 1 | microfluidic and ((gate or sorter or trap or fix) with electrode with branch with channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:01 |
| S43 | 173 | ((gate or sorter or trap or fix) with electrode with branch with channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:02 |
| S44 | 7 | ((gate or sorter or trap or fix) with electrode with branch with flow with channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:07 |

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| S45 | 1136 | ((gate or sorter or trap or fix or object) with branch with channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:21 |
| S46 | 186 | ((gate or sorter or trap or fix or object) with electrode with branch with channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:21 |
| S47 | 73 | (electrode with branch with channel) and microfluidic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/03/19 17:22 |
| S48 | 0 | ("2007/0151855").URPN. | USPAT | OR | ON | 2010/03/19 17:33 |
| S49 | 74 | microfluidic with branch | USPAT | OR | ON | 2010/03/19 17:37 |
| S50 | 1 | particle with sorter with branch with channel | USPAT | OR | ON | 2010/03/19 17:39 |

EAST Search History (Interference)

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3/ 22/ 2010 5:02:02 PM

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